

**REISSUE APPLICATION DECLARATION BY THE INVENTOR**Docket Number (Optional)  
**00240083RA**

I hereby declare that:

Each inventor's residence, mailing address and citizenship are stated below next to their name.

I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number 6,363,412, granted April 16, 2002and for which a reissue patent is sought on the invention entitled FAST JPEG ENCODING AND DECODING

the specification of which

☒ is attached hereto.☐ was filed on \_\_\_\_\_ as reissue application number \_\_\_\_\_  
and was amended \_\_\_\_\_  
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

☐ I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/2B (or equivalent) listing the foreign applications.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

Column 12, Line 36, delete "number" and insert "length".

Column 12, Line 39, delete "number" and insert "length".

Column 12, Line 40, delete "image data" and insert "code word".

Column 12, Lines 44-45, delete "words are" and insert "represents compressed".

Column 12, Line 46, after "image", insert "compressed".

Column 12, Line 47, after "JPEG", insert "compressed".

Column 12, Line 61, delete "compressed".

Column 12, Line 62, after "data", insert "stream".

Column 12, Line 62, delete "are" and insert "is compressed".

Column 12, Line 63, after "said", insert "compressed".

Column 12, Line 64, after "is", insert "compressed".

[Page 1 of 2]

This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

## (REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)  
**00240083RA**

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this

Name(s)	Registration Number
<u>Michael E. Whitham</u>	<u>32,635</u>
<u>Marshall M. Curtis</u>	<u>33,138</u>
<u>Clyde R Christofferson</u>	<u>34,138</u>

Correspondence Address: Direct all communications about the application to:

☒ Customer Number

30743

OR

<input checked="" type="checkbox"/> Firm or	Whitham, Curtis & Christofferson, P.C.				
Address	11491 Sunset Hills Road, Suite 340				
Address					
City	Reston	State	VA	Zip	20190
Country	US				
Telephone	(703) 787-9400	Fax	(703) 787-7557		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Joan L. Mitchell

Inventor's signature

Date

Residence 2400 17th Avenue, Unit 103D, Longmont, Colorado

Citizenship US

Mailing Address Same

Full name of second joint inventor (given name, family name)

Albert N. Cazes

Inventor's signature

Date

Residence 9 West Way, Mount Kisco, New York 10549

Citizenship US

Mailing Address Same

Full name of third joint inventor (given name, family name)

Neil M. Leeder

Inventor's signature

Date

Residence 109 Seymour Creek Dr., Apex, North Carolina 27502

Citizenship UK

Mailing Address Same

☐ Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached

**ASSENT OF ASSIGNEE TO REISSUE**

The undersigned, assignee of the entire interest in the above-mentioned letters patent, hereby assents to the accompanying application.

**STATEMENT UNDER 37 C.F.R. 3.73(b)**

International Business Machines Corporation, a corporation of New York, states that it is the assignee of the entire right, title and interest in U.S. letters patent 6,373,412 by virtue of an assignment from the inventors of the patent. The assignment was recorded in the U.S. Patent and Trademark Office on Reel 011637, Frame 0119.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Date:

APRIL 15, 2004

Lynne Anderson

Program Manager, USPTO Liaison

Washington Intellectual Property Law Dept.



**UNITED STATES DEPARTMENT OF COMMERCE**

**Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JUNE 07, 2001

PTAS



\*101668060A\*

MARSHALL M. CURTIS  
1750 TYSONS BOULEVARD  
SUITE 1800  
MCLEAN, VA 22102-4215

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/19/2001

REEL/FRAME: 011637/0119  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

**ASSIGNOR:**

MITCHELL, JOAN L.

DOC DATE: 02/27/2001

**ASSIGNOR:**

CAZES, ALBERT N.

DOC DATE: 02/27/2001

**ASSIGNOR:**

LEEDER, NEIL M.

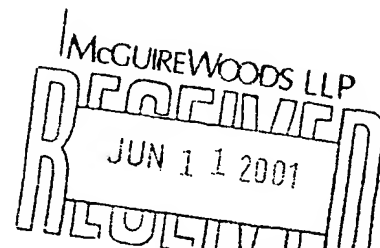
DOC DATE: 03/05/2001

**ASSIGNEE:**

INTERNATIONAL BUSINESS MACHINES  
CORPORATION  
NEW ORCHARD ROAD  
ARMONK, NEW YORK 10504

SERIAL NUMBER: 09736445  
PATENT NUMBER:

FILING DATE: 12/15/2000  
ISSUE DATE:



011637/0119 PAGE 2

MARCUS KIRK, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

04-04-2001

ET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office



101668060

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To the Honorable Commissioner of Patents and Trademarks, Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Joan L. Mitchell  
Albert N. Cazes  
Neil M. Leeder

## 2. Name and address of receiving party(ies):

Name: International Business Machines Corporation

Address: \_\_\_\_\_

New Orchard RoadCity: ArmonkState/Prov.: NYCountry: USAZIP: 10504

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: 02/27/01, 02/27/01, 03/05/01

Additional name(s) &amp; address(es)

☐ Yes ☒ No

## 4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: 02/27/01, 02/27/01, 03/05/01

Patent Application No.

Filing date

B. Patent No.(s)

END920000113US1

SN: 09-736,445

04/03/2001 LMUELLER 00000277 090457 09736445

01 FC:581

40.00 CH

Additional numbers

☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Marshall M. CurtisRegistration No. Reg. No: 33,138Address: 1750 Tysons BoulevardSuite 1800City: McLeanState/Prov.: VACountry: USAZIP: 22102-4215

## 6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

## 8. Deposit account number:

09-0457

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William H. Steinberg

Name of Person Signing

Signature

Date

IBM Docket No.:  
END920000143US1

## ASSIGNMENT

Whereas, we

Inventor and City	(1) Joan L. Mitchell County of Boulder	City of Longmont and State of Colorado
and	(2) Albert N. Cazes County of Westchester	City of Mount Kisco and State of New York
and	(3) Neil M. Leeder County of Wake	City of Apex and State of North Carolina
and	(4) County of	City of and State of
and	(5) County of	City of and State of
and	(6) County of	City of and State of
and	(7) County of	City of and State of
and	(8) County of	City of and State of

have invented certain improvements in

Title JPEG PACKED BLOCK STRUCTURE

Dates That Inventors Signed the Declaration and have executed, respectively, a United States patent application therefor on

(1) Feb 27, 2001	and, (2) 2/27/01	and,
(3) Mar 5, 2001	and, (4)	and,
(5)	and, (6)	and,
(7)	and, (8)	

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

IBM Docket No.:  
END9200001.13US1

# ASSIGNMENT (Continued)

Title **JPEG PACKED BLOCK STRUCTURE**

City  
Date

(1) Signed at Yonkstown Heights, N.Y.  
on Feb 27, 2001

Joan L. Mitchell  
(Signature of Inventor)

**Joan L. Mitchell**  
(Typed Name of Inventor)

City  
Date

(2) Signed at Yonkstown Heights, N.Y.  
on 2/27/01

Albert N. Cazes  
(Signature of Inventor)

**Albert N. Cazes**  
(Typed Name of Inventor)

City  
Date

(3) Signed at Durham, N.C.  
on Mar 8, 2001

Neil M. Leeder  
(Signature of Inventor)

**Neil M. Leeder**  
(Typed Name of Inventor)

City  
Date

(4) Signed at  
on \_\_\_\_\_

(Signature of Inventor)

(Typed Name of Inventor)

City  
Date

(5) Signed at  
on \_\_\_\_\_

(Signature of Inventor)

(Typed Name of Inventor)

City  
Date

(6) Signed at  
on \_\_\_\_\_

(Signature of Inventor)

(Typed Name of Inventor)

City  
Date

(7) Signed at  
on \_\_\_\_\_

(Signature of Inventor)

(Typed Name of Inventor)

City  
Date

(8) Signed at  
on \_\_\_\_\_

(Signature of Inventor)